

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

**H.B. Fuller Company
7440 West DuPont Road]
Morris, Illinois 60540**

ATTENTION:

**Robert Evans
Senior Process Engineer**

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring H.B. Fuller Company (HBF or you) to submit certain information about the facility at 7440 West DuPont Road, Morris, Illinois. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us within 30 calendar days after you receive this request.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

HBF owns and operates an emission source at the Morris, Illinois facility. We are requesting this information to determine whether your emission source is complying with the Illinois State Implementation Plan and applicable Federal regulations codified at 40 C.F.R. Parts 60 and 63.

HBF must send all required information to:

Attn: Compliance Tracker, AE-18J
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604

HBF must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term “emissions data.”

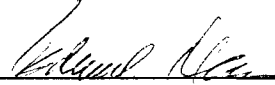
This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject HBF to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Kevin Vuilleumier of my staff at (312) 886-6188.

6/28/17
Date


Edward Nam
Director
Air and Radiation Division

Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for “image over text” to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

Definitions

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*, or applicable regulations promulgated thereunder.

“Flare” is broadly defined as any open combustion device (i.e. lacking an enclosed combustion chamber) whose combustion air is provided by uncontrolled ambient air around the flame, and that is used as a control or safety device. A flare may be equipped with a radiant heat shield (with or without a refractory lining), but is not equipped with a flame air control camping system to control the air/fuel mixture. In addition, a flare may also use auxiliary fuel. The combustion flame may be elevated or at ground level.

“Pilot Gas” means the gas injected at a flare tip to maintain a flame.

“Purge Gas” or “Sweep Gas” means all gas introduced prior to the Flare tip to protect against oxygen buildup in the Flare header and/or to maintain a constant flow of gas through the flare and out the Flare tip.

“Supplemental Gas” means all gas introduced to raise the heating value of the Waste Gas.

“Vent Gas” means all gases found just prior to the Flare tip. This gas includes all Waste Gas, Purge Gas, Supplemental Gas, nitrogen and hydrogen, but does not include Pilot Gas or steam.

“Waste Gas” means all gases routed to a Flare for combustion, excluding Purge Gas, Supplemental Gas, Pilot Gas, and steam.

Appendix B

Information You Are Required to Submit to EPA

H.B. Fuller Company (HBF) must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a). If the information requested is not maintained or recorded, then HBF must say so in its response to the specific question or information request. If testing was not performed or visible emissions readings were not performed, HBF must say so in its response to the specific question or information request. Each request below seeks information regarding all facility devices meeting the definition of Flare as defined in this request.

1. List each Flare at the HBF Morris, Illinois facility. For each Flare, provide the following information:
 - a. Flare manufacturer.
 - b. Flare model number.
 - c. Flare diameter.
 - d. Flare installation date.
 - e. Whether the Flare is unassisted, steam-assisted, or air-assisted.
 - f. Any modifications, if any, made to each Flare. For purposes of this subparagraph, modification refers to any replacement of the Flare header, Flare tip, any change in the method of operation (changing from unassisted to air-assisted, replacing Supplemental Gas, etc.), increasing Flare height, increasing Flare capacity, or similar actions involving the Flare design or operation.
 - g. Flare modification date(s), if applicable.
2. List the periods of time (date, start time, and end time) that Waste Gas, Purge Gas, and Supplemental Gas was routed to each flare at the facility (i.e. each venting period), for each day beginning on May, 01, 2012, until the date you submit your response to this request.
3. For each venting period identified in Paragraph 2, provide the average heating value, in British Thermal Units per standard cubic feet (BTU/scf), of the stream that was vented to each Flare. The averaging time must not be greater than one hour. If the heating value is not measured, use the best means available to estimate the heating value. Provide a narrative explanation and example calculations describing how you arrived at your estimates.
4. For each venting period listed in response to Paragraph 2, provide the average mass flow rate of the Vent Gas, in pounds per hour (lbs/hr), that was vented to each facility flare.

The averaging time must not be greater than one hour. If the mass flow rate is not measured, use the best means available to estimate it. Provide a narrative explanation and example calculations describing how you arrived at your estimates.

5. For each venting period listed in response to Paragraph 2 that occurred at an air-assisted or steam-assisted flare at HBF, provide the average rate at which steam and air was being added to each facility flare, in lb/hr for steam and scf/hr for air, at all locations on the flare (i.e., the sum of seal, upper, lower, winterizing, etc.) during each venting period. The averaging time must not be greater than one hour. If the steam or air flow is not measured, use the best means available to estimate the flow. Provide a narrative explanation and example calculations, if appropriate, describing how you arrived at your estimates.
6. For each venting period listed in response to Paragraph 2, provide the average steam-to-Vent Gas or air-to-Vent Gas ratio (lbs-steam/lb-Vent Gas or scf of air/lb of Vent Gas) during any release to each facility flare. The averaging time must not be greater than one hour. Provide a narrative explanation and example calculations, if appropriate, describing how you arrived at your ratio.
7. Provide a list of the primary constituents in the Vent Gas routed to each Flare for venting periods since May 01, 2012, and an estimated range of each constituent's concentration. You need not determine the exact concentration of all compounds for each period of time, but only the most prominent compounds and an approximate range of concentration.
8. Provide copies of all testing reports or analytical results generated after January 1, 2007, that relate to the Waste Gas flowing to each Flare.
9. For each Flare, provide the minimum steam or air addition rate, if applicable, in lb/hr for steam and scf/hr for air, at all locations on the Flare (seal, upper, and lower). To the extent that the minimum steam or air addition rate changes on a seasonal basis, state the minimum rate for each season and the time periods during which each season's minimum rate applies.
10. Provide copies of any and all documents in your possession, custody, or control that prescribe or recommend the amount of steam or air to be added to each Flare. Provide a copy of the entire document if, within the document, it states the maximum steam or air rate, minimum steam or air rate, steam or air addition rate associated with a vent scenario, general steam-to-vent gas or air-to-organic gas/vent gas ratio, or any other reference to steam or air addition.
11. For each Flare, state with specificity which, if any, federal and/or state regulations regulate/apply to each Flare.
12. For each Flare, state whether the Flare is configured to receive gases/vapors from one or more pressure relief device(s), which is a safety device used to prevent operating

pressures from exceeding the maximum allowable working pressure of the process equipment.

13. For each Flare, state whether the Flare and its associated closed vent system is used as a method of compliance with any federal regulation, including without limitation, the Standards of Performance for New Sources found at 40 C.F.R. Part 60, the National Emission Standards for Hazardous Air Pollutants found at 40 C.F.R. Part 61, the National Emission Standards for Hazardous Air Pollutants for Source Categories (major or area source categories) found at 40 C.F.R. Part 63, or state regulation. In each case, identify the process unit or equipment that is/are the “affected facility” or “affected source” under the applicable Part and the specific Subpart that applies to the “affected facility” or “affected source”.
14. Provide copies of all HBF’s air permits (construction, operating, Title V, pre-construction, or other air permits) for each process and control equipment in operation at the Morris, Illinois facility, including any waste water operations that are not publicly available online. If any air permits are publicly available, provide in this response the link and name under which the air permits are held.
15. Provide a summary of each air pollution release reported to either the federal or state regulatory agency for the past five years. Include within the summary each pollutant emitted, date and time of each release, length of each release, the amount (or estimated amount) of the total pollutant(s) emitted during each release, the cause of each release, and the corrective actions taken immediately and in follow-up to prevent such a release from occurring again.
16. Provide an up-to-date plot plan of the facility.
17. Provide an up-to-date block process flow diagram for the facility that, at a minimum, includes and labels each piece of major processing equipment, control device, and storage tank.
18. For each calendar year from 2007 to present, provide a summary of each annual air emission statement or report, each annual compliance certification, and each Hazardous Air Pollutant emission report submitted to Illinois Environmental Protection Agency.

Appendix C

Confidential Business and Personal Privacy Information

Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

Determining Whether the Information Is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as

substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Personal Privacy Information

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

CERTIFICATE OF MAILING

I certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by
Certified Mail, Return Receipt Requested, to:

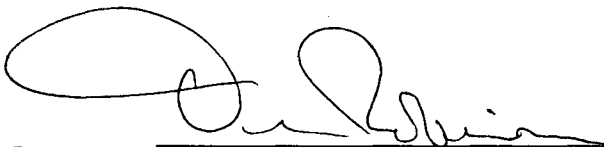

Robert Evans, Senior Process Engineer
H.B. Fuller Company
7440 West DuPont Road
Morris, Illinois 60540

I also certify that I sent a copy of the Request to Provide Information Pursuant to the
Clean Air Act by E-mail to:

Yasmine Keppner-Bauman
Acting Manager, Compliance Section, Bureau of Air

Yasmine.Keppner-Bauman@Illinois.gov

On the 29th day of June 2017.


 Loretta Shaffer, Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7009 1680 0000 7607 0308